

V.?.5.N.?. HORDEUM JUBATUM SEMI-NATURAL HERBACEOUS ALLIANCE

Foxtail Barley Semi-natural Herbaceous Vegetation Alliance

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Foxtail Barley Semi-natural Herbaceous Vegetation

ELEMENT CONCEPT

GLOBAL SUMMARY: Not applicable

ENVIRONMENTAL DESCRIPTION

USFWS Wetland System: Palustrine

Florissant Fossil Beds NM Environment: This exotic grass forms a nearly pure stand only in a dried livestock pond on a Grape Creek tributary, south of Lower Twin Rock Road, in the southeastern portion of the monument. *Hordeum jubatum* otherwise persists as scattered individual plants along the margins of emergent wetlands.

Global Environment: Not applicable

VEGETATION DESCRIPTION

Florissant Fossil Beds NM Vegetation: This sparse, exotic grassland occupied a dried livestock pond, where *Hordeum jubatum* and *Beckmannia syzigachne*, both less than 0.5 m tall, provided approximately 5% vegetative cover. Two species of *Chenopodium* (*leptophyllum*, *album*) account for approximately 10% vegetative cover, and *Amaranthus retroflexus*, *Taraxacum officinale*, *Polygonum lapathifolium* (= *Persicaria lapathifolia*), and *Glaux maritima* are also present and provide an additional 10% vegetative cover. The ground cover consisted of bare soil within the bottom of the pond, possibly sediments carried in from upland pastures and agricultural land.

This dry livestock pond represents the only stand of *Hordeum jubatum* observed within the monument; another dry pond just west of the Lower Twin Rock Road junction with Teller County 1 was unvegetated. The aerial photo signature was black, because the pond was holding water at the time of the overflight.

Global Vegetation: Not applicable

Global Dynamics: Not applicable

MOST ABUNDANT SPECIES

Florissant Fossil Beds NM

<u>Stratum</u>	<u>Species</u>
Graminoid	<i>Hordeum jubatum</i>
Forb	<i>Chenopodium leptophyllum</i> , <i>Glaux maritima</i>

Global

<u>Stratum</u>	<u>Species</u>
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CHARACTERISTIC SPECIES

Florissant Fossil Beds NM

<u>Stratum</u>	<u>Species</u>
Graminoid	<i>Hordeum jubatum</i> , <i>Beckmannia syzigachne</i>
Forb	<i>Chenopodium leptophyllum</i> , <i>Glaux maritima</i>

Global

<u>Stratum</u>	<u>Species</u>
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OTHER NOTEWORTHY SPECIES

Florissant Fossil Beds NM

Global

<u>Stratum</u>	<u>Species</u>
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GLOBAL SIMILAR ASSOCIATIONS:

GLOBAL STATUS AND CLASSIFICATION COMMENTS

Global Conservation Status Rank:

Global Classification Comments:

ELEMENT DISTRIBUTION

Florissant Fossil Beds NM Range: Only one stand of *Hordeum jubatum* was observed growing in the bottom of a dried livestock pond, within a Grape Creek tributary south of Lower Twin Rock Road, in the southeastern portion of the monument.

Global Range: Not applicable

Nations: US

States/Provinces: CO

ELEMENT SOURCES

Florissant Fossil Beds NM Inventory Notes: Plot 16.

Classification Confidence: 3 **Identifier:** Not determined.

REFERENCES: